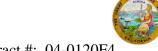
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Siegenthaler, Peter **Report No:** WIR-023810 Address: 333 Burma Road **Date Inspected:** 18-Apr-2011

City: Oakland, CA 94607

OSM Arrival Time: 700 **Project Name:** SAS Superstructure **OSM Departure Time:** 1900 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name: Xu Le Feng /Qiu Wen **CWI Present:** Yes No **Inspected CWI report:** Yes **Rod Oven in Use:** Yes No N/A No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A **Qualified Welders:** Yes No N/A **Verified Joint Fit-up:** Yes No N/A N/A Yes N/A **Approved Drawings:** Yes No **Approved WPS:** No Yes N/A **Delayed / Cancelled:** No

Bridge No: 34-0006 **Component: OBG** Bike Path

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Scott Leavitt, was present during the times noted above for observations relative to the work being performed.

Bay 10 – Tower Shop

In Process Inspection SMAW

This QA Inspector observed the following work in progress: SMAW welding of weld joint 002 located on BK010A6-001. Welder is identified as 053829. ZPMC Quality Control (QC) is identified as Qui Wen. The welding variables recorded by QC appeared to comply with the Applicable WPS.

This QA Inspector observed the following work in progress: SMAW welding of weld joint 115 located on BK014A5-001. Welder is identified as 044511. ZPMC Quality Control (QC) is identified as Qui Wen. The welding variables recorded by QC appeared to comply with the Applicable WPS.

This QA Inspector observed the following work in progress: SMAW welding of weld joint 015 located on BK014A5-001. Welder is identified as 054069. ZPMC Quality Control (QC) is identified as Qui Wen. The welding variables recorded by QC appeared to comply with the Applicable WPS.

This QA Inspector observed the following work in progress: SMAW welding of weld joint 016 located on 31TR1-001. Welder is identified as 500363. ZPMC Quality Control (QC) is identified as Qui Wen. The welding variables recorded by QC appeared to comply with the Applicable WPS.

This QA Inspector observed the following work in progress: SMAW welding of weld joint 013 located on 31TR1-001. Welder is identified as 040581. ZPMC Quality Control (QC) is identified as Qui Wen. The welding

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

variables recorded by QC appeared to comply with the Applicable WPS.

This QA Inspector observed the following work in progress: SMAW welding of weld joint 016 located on 31TR1-001. Welder is identified as 057220. ZPMC Quality Control (QC) is identified as Qui Wen. The welding variables recorded by QC appeared to comply with the Applicable WPS.

Visual Inspection

The following Non Destructive Testing (NDT) inspection carried out as per the ZPMC submitted Notification No 08855.

This QA inspector performed VT of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel.

The members are identified as:

BK014A6-001-164, 166

The following Non Destructive Testing (NDT) inspection carried out as per the ZPMC submitted Notification No 08858.

This QA inspector performed VT of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel.

The members are identified as:

BK010A2-001-016, 018

BK014A2-001-022, 023, 016, 018

Magnetic Particle Inspection (MT)

The following Non Destructive Testing (NDT) inspection carried out as per the ZPMC submitted Notification No 08855.

This QA inspector performed MT of approximately 15% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an MT report for this date.

The members are identified as:

BK014A6-001-164, 166

The following Non Destructive Testing (NDT) inspection carried out as per the ZPMC submitted Notification No 08858.

This QA inspector performed MT of approximately 15% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an MT report for this date.

The members are identified as:

BK010A2-001-016, 018

BK014A2-001-022, 023, 016, 018

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

WELDING INSPECTION REPORT

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Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang at 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Leavitt,Scott	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer